

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-3 (Cancelled Herein)

4. (Currently Amended) ~~The material composition of claim 2 having specific formula $(\text{Ba}_{0.95}\text{Fe}_{0.05})\text{TiO}_3$, wherein said saturation magnetization about 0.10 B/mol Fe at 300K, and the coercive fields about 16Oe at 300K.~~ A ferromagnetic perovskite oxide having the formula $(\text{Ba}_{0.95}\text{Fe}_{0.05})\text{TiO}_3$, wherein the oxide has a saturation magnetization of about $0.10 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 16 Oe at 300K.

5. (Currently Amended) ~~The material composition of claim 2 having specific formula $(\text{Ca}_{0.95}\text{Fe}_{0.05})\text{TiO}_3$, wherein said saturation magnetization about 0.11 B/mol Fe at 300K, and the coercive fields about 12Oe at 300K.~~ A ferromagnetic perovskite oxide having the formula $(\text{Ca}_{0.95}\text{Fe}_{0.05})\text{TiO}_3$, wherein the oxide has a saturation magnetization of about $0.11 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 12 Oe at 300K.

6. (Currently Amended) ~~The material composition of claim 2 having specific formula $(\text{Ba}_{0.95}\text{Fe}_{0.05})\text{ZrO}_3$, wherein said saturation magnetization about 0.11 B/mol Fe at 300K, and the coercive fields about 25Oe at 300K.~~ A ferromagnetic perovskite oxide having the formula $(\text{Ba}_{0.95}\text{Fe}_{0.05})\text{ZrO}_3$, wherein the oxide has a saturation magnetization of about $0.11 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 25 Oe at 300K.

7. (Currently Amended) ~~The material composition of claim 2 having specific formula $(\text{Ca}_{0.95}\text{Fe}_{0.05})\text{ZrO}_3$, wherein said saturation magnetization about 0.12 B/mol Fe at 300K, and the coercive fields about 4.5 Oe at 300K.~~ A ferromagnetic perovskite oxide having the formula $(\text{Ca}_{0.95}\text{Fe}_{0.05})\text{ZrO}_3$, wherein the oxide has a saturation magnetization of about 0.12 μ_B /mol Fe at 300K, and a coercive field of about 4.5 Oe at 300K.

8. (Currently Amended) ~~The material composition of claim 2 having specific formula $(\text{Ba}_{0.95}\text{Fe}_{0.05})\text{HfO}_3$, wherein said saturation magnetization about 0.125 B/mol Fe at 300K, and the coercive fields about 20 Oe at 300K.~~ A ferromagnetic perovskite oxide having the formula $(\text{Ba}_{0.95}\text{Fe}_{0.05})\text{HfO}_3$, wherein the oxide has a saturation magnetization of about 0.125 μ_B /mol Fe at 300K, and a coercive field of about 20 Oe at 300K.

9. (Currently Amended) The material composition of claim 2 having specific formula $(\text{Ca}_{0.95}\text{Fe}_{0.05})\text{HfO}_3$, wherein said saturation magnetization about 0.12 B/mol Fe at 300K, and the coercive fields about 7 Oe at 300K. A ferromagnetic perovskite oxide having the formula $(\text{Ca}_{0.95}\text{Fe}_{0.05})\text{HfO}_3$, wherein the oxide has a saturation magnetization of about 0.12 μ_B /mol Fe at 300K, and a coercive field of about 7 Oe at 300K.

11.-14. (Cancelled Herein)

15. (Currently Amended) ~~The material composition of claim 13 having specific formula $\text{La}(\text{Mo}_{0.25}\text{Fe}_{0.75})\text{O}_3$, wherein said magnetic Curie temperature is 940K, and the coercive fields about 238 Oe at 300K.~~ A ferromagnetic perovskite oxide having the formula $\text{La}(\text{Mo}_{0.25}\text{Fe}_{0.75})\text{O}_3$, wherein the magnetic Curie temperature of the oxide is as high as 940 K, and wherein the oxide has a coercive field of about 238 Oe at 300K.

16.-18. (Cancelled Herein)

19. (New) A ferromagnetic perovskite oxide having the formula $(\text{Ba}_{1-x}\text{Fe}_x)\text{TiO}_3$, where x ranges from 0 to 0.15, and wherein the oxide has a saturation magnetization of about $0.10 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 16 Oe at 300K.

20. (New) A ferromagnetic perovskite oxide having the formula $(\text{Ca}_{1-x}\text{Fe}_x)\text{TiO}_3$, where x ranges from 0 to 0.15, and wherein the oxide has a saturation magnetization of about $0.11 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 12 Oe at 300K.

21. (New) A ferromagnetic perovskite oxide having the formula $(\text{Ba}_{1-x}\text{Fe}_x)\text{ZrO}_3$, where x ranges from 0 to 0.15, and wherein the oxide has a saturation magnetization of about $0.11 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 25 Oe at 300K.

22. (New) A ferromagnetic perovskite oxide having the formula $(\text{Ca}_{1-x}\text{Fe}_x)\text{ZrO}_3$, where x ranges from 0 to 0.15, and wherein the oxide has a saturation magnetization of about $0.12 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 4.5 Oe at 300K.

23. (New) A ferromagnetic perovskite oxide having the formula $(\text{Ba}_{1-x}\text{Fe}_x)\text{HfO}_3$, where x ranges from 0 to 0.15, and wherein the oxide has a saturation magnetization of about $0.125 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 20 Oe at 300K.

24. (New) A ferromagnetic perovskite oxide having the formula $(\text{Ca}_{1-x}\text{Fe}_x)\text{HfO}_3$, where x ranges from 0 to 0.15, and wherein the oxide has a saturation magnetization of about $0.12 \mu_B/\text{mol Fe}$ at 300K, and a coercive field of about 7 Oe at 300K.

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